

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A system for detachably connecting a first electronic component with a second electronic component (6), ~~whereby~~ wherein a large number of signal lines of the first component are connected with corresponding signal lines of the second component (6), ~~whereby~~ wherein a sheet-like part (2) of the first component is provided with a number of conducting areas (4) arranged in an array at the surface of the sheet-like part (2) near an edge (3) of said sheet-like part (2), ~~whereby~~ wherein each of said conducting areas (4) is connected with a signal line of the first component, and ~~whereby~~ wherein a part of the second component (6) is provided with a number of contact elements (7) arranged in an array at the surface of said part, ~~whereby~~ wherein each of said contact elements (7) is connected with a signal line of the second component (6), ~~whereby~~ wherein each contact element (7) has a contact surface for contacting one of said conducting areas (4) of the first component, and ~~whereby~~ wherein the second component includes clamping means with a number of spring members (10) are present to push each of said conducting areas (4) of the first component against a corresponding contact element (7) of the second component (6), wherein each spring member (10) of said clamping means pushes more than one conducting area (4) with the corresponding contact element (7) against each other, in response to the first electronic component being connected to the second electronic component.

2. (Currently Amended) A system as claimed in claim 1, ~~characterized in that~~ wherein the conducting areas (4) ~~are~~ comprise one selected from the group consisting of (i) conducting areas (4) distributed in a two dimensional pattern on the sheet-like part (2) of

the first component, ~~preferably the conducting areas (4) are~~ and (ii) conducting areas (4) arranged in two or more parallel arrays.

3. (Currently Amended) A system as claimed in ~~any one of the preceding claims,~~ characterized in that claim 1, wherein the first component is provided with one selected from the group consisting of (i) more than 200 conducting areas (4), preferably and (ii) more than 500 conducting areas (4).

4. (Currently Amended) A system as claimed in ~~any one of the preceding claims,~~ characterized in that claim 1, wherein said contact surface of the contact element (7) of the second component (6) is ~~at least four times, preferably eight times, and more preferably sixteen times~~ smaller than said conducting area (4) of the first component by one selected from the group consisting of (i) at least four times smaller, (ii) at least eight times smaller, and (iii) at least sixteen times smaller.

5. (Currently Amended) A system as claimed in ~~any one of the preceding claims,~~ characterized in that claim 1, wherein the sheet-like part (2) of the first component and/or the said part of the second component (6) is made of flexible material.

6. (Currently Amended) A system as claimed in ~~any one of the preceding claims,~~ characterized in that ~~a number of spring members (10), whereby~~ claim 1, further wherein each spring member (10) pushes ~~more than one, preferably~~ more than six contact elements (7) and the corresponding conducting areas (4) against each other, ~~when~~ responsive to the first component ~~[[is]]~~ being connected to the second component (6).

7. (Currently Amended) A system as claimed in claim 6, ~~characterized in that~~ wherein the spring members (10) are attached to the second component (6).

8. (Currently Amended) A system as claimed in claim 6, wherein ~~or 7, characterized in that~~ neighbouring conducting areas (4) in different arrays are pushed by the same spring member (10) against the corresponding contact elements (7).

9. (Currently Amended) A system as claimed in ~~any one of claims 6-8, characterized in that the~~ claim 6, wherein conducting areas (4) in different arrays are located on substantial straight lines perpendicular with respect to the direction of the arrays, ~~whereby~~ wherein a spring member (10) of said clamping means (9) pushes all conducting areas (4) located on two neighbouring substantial straight lines against the corresponding contact elements (7).

10. (Currently Amended) A system as claimed in ~~any one of claims 6-9, characterized in that~~ claim 6, wherein the sheet-like part (2) of the first component, provided with the conducting areas (4) at its surface, is located between said spring members (10) and said contact elements (7) of the second component (6).

11. (Currently Amended) A system as claimed in ~~any one of the claims 6-10, characterized in that~~ claim 6, wherein each said spring member ~~[[is]]~~ comprises a leaf spring (10) having a flat part (16) for abutting against the sheet-like part (2) of the first component over an area of the sheet-like part (2) comprising two or more conducting areas (4), so that the two or more conducting areas (4) are pushed against the corresponding contact elements (7) of the second component (6).

12. (Currently Amended) A system ~~as claimed in claim 11, characterized in that~~ for detachably connecting a first electronic component with a second electronic component (6), wherein a large number of signal lines of the first component are connected with corresponding signal lines of the second component (6), wherein a sheet-like part (2) of

the first component is provided with a number of conducting areas (4) arranged in an array at the surface of the sheet-like part (2) near an edge (3) of said sheet-like part (2), wherein each of said conducting areas (4) is connected with a signal line of the first component, and wherein a part of the second component (6) is provided with a number of contact elements (7) arranged in an array at the surface of said part, wherein each of said contact elements (7) is connected with a signal line of the second component (6), wherein each contact element (7) has a contact surface for contacting one of said conducting areas (4) of the first component, and means are present to push each of said conducting areas (4) of the first component against a corresponding contact element (7) of the second component (6), further wherein for a number of spring members (10), each spring member (10) pushes (i) more than one, or (ii) more than six contact elements (7) and the corresponding conducting areas (4) against each other, when the first component is connected to the second component (6), wherein each said spring member comprises a leaf spring (10) having a flat part (16) for abutting against the sheet-like part (2) of the first component over an area of the sheet-like part (2) comprising two or more conducting areas (4), so that the two or more conducting areas (4) are pushed against the corresponding contact elements (7), further wherein one end of said flat part (16) of the leaf spring (10) is connected to a substantial parallel part (14) of the leaf spring (10) through a curved part (15) of the leaf spring (10) making a curve of about 180°, whereby wherein the end of said parallel part is attached to a common base part (11) of the second component (6) leaf spring (10).

13. (Currently Amended) A system as claimed in claim 12, ~~characterized in that~~ wherein the other end of said flat part (16) of the leaf spring (10) is connected to the end part (19) of the leaf spring (10) through a curved part (18) of the leaf spring (10) making a curve of about 135° in the other direction, ~~whereby~~ wherein means (20) are present that can push against said end part (19) in order to displace said flat part (16) of the leaf spring (10) away from the contact elements (7).

14. (Currently Amended) A system as claimed in ~~any one of claims 11-13, characterized in that~~ claim 11, wherein the leaf springs (10) are positioned in a row parallel to each other, ~~whereby~~ wherein successive ones of the leaf springs (10) ~~pushes~~ push two, or more, successive conducting areas (4) in each array to corresponding contact elements (7), which conducting areas (4) are positioned on two, or more, lines perpendicular to the direction of the arrays.

15. (Currently Amended) A clamping member ~~for a~~ for detachably connecting a first electronic component with a second electronic component (6), ~~whereby~~ wherein a large number of signal lines of the first component are connected with corresponding signal lines of the second component, ~~whereby~~ wherein a sheet-like part (2) of the first component is provided with a number of conducting areas (4) arranged in one or more arrays at the surface of the sheet-like part (2) near an edge (3) of said sheet-like part (2), ~~whereby~~ wherein each of said conducting areas (4) is connected with a signal line of the first component, and ~~whereby~~ wherein a part of the second component (6) is provided with a number of contact elements (7) arranged in one or more arrays at the surface of said part, ~~whereby~~ wherein each of said contact elements (7) is connected with a signal line of the second component, ~~whereby~~ wherein each contact element (7) has a contact surface for contacting one of said conducting areas (4) of the first component, ~~whereby~~ wherein said clamping member (9) is attached to said second component and comprises a row of leaf springs (10), whereby wherein each leaf spring (10) can push more than one conducting area (4) of the first component against corresponding contact elements (7) of the second component (6), in response to the first electronic component being connected to the second electronic component.

16. (Currently Amended) A method for detachably connecting a first electronic component with a second electronic component (6), ~~whereby~~ wherein a large number of signal lines of the first component are connected with corresponding signal lines of the second component (6), ~~whereby~~ wherein a sheet-like part (2) of the first component is provided with a number of conducting areas (4) arranged in one or more arrays at the surface of the sheet-like part (2) near an edge (3) of said sheet-like part (2), ~~whereby~~ wherein each of said conducting areas (4) is connected with a signal line of the first component, and ~~whereby~~ wherein a part of the second component (6) is provided with a number of contact elements (7) arranged in one or more arrays at the surface of said part, ~~whereby~~ wherein each of said contact elements (7) is connected with a signal line of the second component (6), ~~whereby~~ wherein each contact element (7) has a contact surface for contacting one of said conducting areas (4) of the first component, and ~~whereby~~ wherein the second component includes a clamping means with a number of spring members (10) to push each of said conducting areas (4) of the first component ~~is pushed~~ against a corresponding contact element (7) of the second component (6), further wherein each spring member (10) pushes more than one conducting area (4) with the corresponding contact element (7) against each other, in response to the first electronic component being connected to the second electronic component.